

Species Tag:	50007	Species Name:	CH3Cl-35
Version:	1		Methyl chloride,
Date:	Mar. 1989		<sup>35</sup> Cl isotope
Contributor:	E. A. Cohen		

Lines Listed:	6372	Q(300.0)=	28216.297
Freq. (GHz) <	2115	Q(225.0)=	18323.145
Max. J:	81	Q(150.0)=	9977.002
LOGSTR0=	-7.5	Q(75.00)=	3533.458
LOGSTR1=	-7.9	Q(37.50)=	1208.370
Isotope Corr.:	-.122	Q(18.75)=	447.816
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	178.608
$\mu_a$ =	1.899	A=	156051.
$\mu_b$ =		B=	13292.8767
$\mu_c$ =		C=	B

The data were taken from G. Wlodarczak *et al.*, 1986, J. Mol. Spect. **116**, 251, and references cited therein. Additional measurements up to  $K = 12$  were made at JPL for  $J = 24-23$ . The dipole moment is from J. A. Golby and R. J. Butcher, 1984, J. Mol. Spect. **107**, 292, but see also G. Wlodarczak *et al.*, 1985, J. Mol. Spect. **112**, 401.